



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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GAIL FARBER, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

November 30, 2010

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

Dear Supervisors:

ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

42 NOVEMBER 30, 2010

Sachi A. Hamai
SACHI A. HAMAI
EXECUTIVE OFFICER

**CHANGES IN WORK FOR A PUBLIC WORKS CONTRACT
I-105 CORRIDOR INTELLIGENT TRANSPORTATION SYSTEM PROJECT
IN THE CITIES OF DOWNEY, LA MIRADA, NORWALK,
SANTA FE SPRINGS, AND SOUTH GATE
(SUPERVISORIAL DISTRICTS 1 AND 4)
(3 VOTES)**

SUBJECT

This action is to approve changes in work and the increased contract amount for a public works construction contract for I-105 Corridor Intelligent Transportation System Project in the Cities of Downey, La Mirada, Norwalk, Santa Fe Springs, and South Gate.

IT IS RECOMMENDED THAT YOUR BOARD:

Find the requested changes in work related to installing an additional cabinet controller, PCC curb ramp, and a 4-inch PVC conduit; furnishing and installing Etherwan gigabit switch and fiber distribution unit; testing the video distribution system backbone fiber and connectivity; and exploratory excavation and stand-by time, with an increase in the contract amount of \$69,888.02, will have no significant effect on the environment and approve the changes and increased amount for Project ID No. RDC0013022 – I-105 Corridor Intelligent Transportation System Project, modification and synchronization of traffic signals and installation of fiber optic equipment and closed-circuit television cameras, in the Cities of Downey, La Mirada, Norwalk, Santa Fe Springs, and South Gate, being performed by TDS Engineering.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended action is to obtain approval from the County of Los Angeles Board

of Supervisors (Board) for the changes in a public works contract in support of the timely completion of the project while avoiding delays and the potential for claims. The description of the changes, estimated costs, and the necessary time extension are listed in the enclosure.

The Director of Public Works (Director) or her designee has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your Board's approval are changes in work in excess of the Director's delegated limit, which is required to complete the project.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan directs the provisions of Operational Effectiveness (Goal 1) and Community and Municipal Services (Goal 3). Approval of these changes will provide improved infrastructure to better serve the public and enhance the quality of life in the affected community.

FISCAL IMPACT/FINANCING

These changes in work will have no impact to the County General Fund.

The estimated change order amount for this contract is \$69,888.02.

Funding for these changes in work is included in the First and Fourth Supervisorial Districts' Fiscal Year 2010-11 Proposition C Local Return Fund Budget. A detailed cost breakdown for the changes, together with a contract cost summary, is included in the enclosure.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

The contract for the construction of this public works improvement was awarded by your Board on March 17, 2009, to a responsible contractor with the lowest responsive bid in accordance with the State Public Contract Code, your Board's directives, and as recommended by the Director or her designee.

ENVIRONMENTAL DOCUMENTATION

These changes in work as described above and in the enclosure do not change any conditions which resulted in the original environmental findings.

CONTRACTING PROCESS

The contract provides that the contractor be compensated for the work resulting from changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs are based on contract unit prices, time and materials, or negotiated under the provisions of the contract specifications. The method for arriving at the costs of the changes are included in the enclosure.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the requested changes by your Board will ensure the timely completion of work under the contract and result in complete and usable facilities.

CONCLUSION

Please return one adopted copy of this letter to the Department of Public Works, Construction Division.

Respectfully submitted,

A handwritten signature in cursive script that reads "Gail Farber".

GAIL FARBER
Director

GF:JTS:ss

Enclosures

c: Chief Executive Office
County Counsel
Executive Office
Office of Affirmative Action Compliance

CHANGES IN WORK (APPROVE)
November 30, 2010

PROJECT ID NO. RDC0013022 – I-105 CORRIDOR INTELLIGENT
TRANSPORTATION SYSTEM PROJECT (in the Cities of Downey, La Mirada, Norwalk,
Santa Fe Springs, and South Gate), Supervisorial Districts 1 and 4, Contractor: TDS
Engineering

Project Description:

Modifying and synchronizing traffic signals and installing fiber optic equipment and
closed-circuit television cameras.

Changes in Work:

(1)	Install an additional cabinet controller	\$13,000.00
(2)	Furnish and install Etherwan gigabit switch	16,800.00
(3)	Install PCC curb ramp	3500.00
(4)	Furnish and replace fiber distribution unit	4000.00
(5)	Test video distribution system backbone fiber and connectivity	5800.00
(6)	Exploratory excavation and stand-by time	26,536.34
(7)	Install 4-inch PVC conduit	<u>251.68</u>
	Total	<u>\$69,888.02</u>

Description of Changes:

(1) It is necessary for the contractor to purchase and install an additional Type 334
cabinet with foundation at the intersection of Imperial Highway and Carmenita Road.
This work is not shown in the plans.

(2) To meet the intent of the design, it is necessary to install an Etherwan gigabit
switch at the City of Norwalk's control room. This work is not shown on the plans.

(3) In order to meet the current Americans with Disabilities Act requirements, the
contractor will replace an existing curb with a curb ramp. This work is not shown on the
plans.

(4) It is necessary to replace the fiber distribution unit at Lakewood Boulevard and
Imperial Highway. This work is not shown on the plans.

(5) It is necessary to test the video distribution system to ensure that the system is operational. This work was not included as part of the original scope of work.

(6) Your Board previously approved a change in work for exploratory excavation and stand-by time. The cost of this work will exceed the previously approved amount by the amount shown.

(7) Your Board previously approved a change in work for installing 4-inch PVC conduit by trenching. The cost of this work will exceed the previously approved amount by the amount shown.

The cost for a portion of Item 1 will be based on contract unit prices. The remainder of the cost for Item 1 and the costs for Items 6 and 7 will be based on time and materials as provided in Subsection 3-3 of the contract specifications. The costs for Items 2, 3, 4, and 5 will be negotiated as provided in Subsection 3-2 of the contract specifications.

Forty-five additional working days will be required because of these changes.

Financial Information:

Funding for these changes in work is included in the First and Fourth Supervisorial Districts' Fiscal Year 2010-11 Proposition C Local Return Fund Budget.

Revised Contract Amount:

Original contract amount	\$1,274,589.00
Changes in work previously approved by the Board	276,569.49
Changes in work to be approved	<u>69,888.02</u>
Revised contract amount	<u>\$1,621,046.51</u>
Percent total change to original contract amount	27%

KA:ss